

## WHAT IS CLAIMED IS:

1. A projector including a computer, the projector comprising:

an internal storage device that stores therein a basic system, which  
5 is executed first by the computer on actuation of the projector, and a first  
control system that is activated through processing of the basic system to  
control operations of the projector; and

a memory controller that reads information stored in a mobile  
memory,

10 wherein, on actuation of the projector, the basic system reads  
information stored in a specific area of the mobile memory attached to the  
memory controller prior to activation of the first control system, identifies  
whether or not the information in the specific area is a specific piece of  
information, and, when the information in the specific area is identified as  
15 the specific piece of information, activates a second control system stored in  
the mobile memory, in place of the first control system.

2. A projector in accordance with claim 1, wherein the second control

20 system updates the first control system stored in the internal storage device  
according to updating information for the first control system stored in the  
mobile memory, after activation of the second control system.

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~~3. A projector in accordance with either one of claims 1 and 2,  
wherein the specific area is set in a write protection area of the mobile  
memory.~~

4. A projector in accordance with claim 3, wherein the specific area is set in a non-defined area in a specification of memory structure specified according to a type of the mobile memory.

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5. A method of actuating a projector, the method comprising the steps of:

on actuation of the projector, reading information stored in a specific area of a mobile memory attached to the projector, prior to activation of a  
10 first control system for controlling operations of the projector;

identifying whether or not the information in the specific area is a specific piece of information; and

when the information in the specific area is identified as the specific piece of information, activating a second control system stored in the mobile  
15 memory, in place of the first control system.

6. A method in accordance with claim 5, the method further comprising the step of:

updating the first control system according to updating information  
20 for the first control system stored in the mobile memory, after activation of the second control system.

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A2*

7. A method in accordance with either one of claims 5 and 6, the specific area is set in a write protection area of the mobile memory.

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8. A method in accordance with claim 7, wherein the specific area is set in a non-defined area in a specification of memory structure specified according to a type of the mobile memory.

5       9. A mobile memory detachably attached to a projector, the mobile memory having a data area that stores therein a second control system, which is capable of controlling operations of the projector, in place of a first control system for controlling the operations of the projector,

10      the mobile memory further having a specific area that stores therein a specific piece of information, which is read out prior to activation of the first control system on actuation of the projector and directs to activate the second control system in place of the first control system.

15      10. A mobile memory in accordance with claim 9, wherein the specific area is set in a write protection area of the mobile memory.

11. A mobile memory in accordance with claim 10, wherein the specific area is set in a non-defined area in a specification of memory structure specified according to a type of the mobile memory.

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